

184

# Kennedy/Jenks Consultants

## Engineers & Scientists

5 February 2001

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Mr. Brian Mossman  
Boeing Realty Corporation  
3760 Kilroy Airport Way, Suite 500  
Long Beach, CA 90806

Subject: Report of Destruction of Well WCC-10S  
Boeing Realty Corporation Former C-6 Facility  
Los Angeles, California  
K/J 004034.00

Dear Mr. Mossman:

Kennedy/Jenks Consultants (Kennedy/Jenks) is pleased to provide this report documenting the destruction of monitoring well WCC-10S at the former C-6 Facility in Los Angeles, California (Site). The sale and development of a portion of the former facility required well WCC-10S to be destroyed.

Groundwater monitoring well WCC-10S was located in the northwest corner of the Former C-6 Facility (Figure 1). Well WCC-10S was constructed of 4-inch PVC casing, and was 90.8 feet deep with a screened interval from 60 to 90 feet below ground surface (bgs).

### SCOPE OF WORK

The well destruction was performed on 22 January 2000 by West Hazmat Drilling Company, a C-57 licensed drilling contractor using a mobile drilling rig under the supervision of qualified field personnel from Kennedy/Jenks Consultants. The abandonment was performed under permit by the Los Angeles County Department of Health Services and in accordance with the requirements of Section 23 of California Department of Water Resources Bulletin 74-90. The field procedures included the following three general tasks:

#### Task 1: Remove Monument Casing

The wellhead at WCC-10S was protected by a 10-foot-long steel monument casing. The well abandonment began by hoisting the monument casing out of the ground using the drill rig. The casing was hauled off site by the drilling contractor.

#### Task 2: Pressure Grouting

Following removal of the monument casing, the PVC well casing was pressure grouted using the drill rig. Cement/bentonite grout was added into the well casing using a tremmie pipe lowered to the bottom. After filling the casing with grout, 50 pounds per square inch of pneumatic pressure were exerted on the well using an airline through a plug in the top of the casing. The pressure forced the grout through the slots in the screened casing, through the filter pack, and into the surrounding formation. After pressurizing, the plug was removed and additional grout added until the well was filled.

Mr. Brian Mossman  
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Page 2

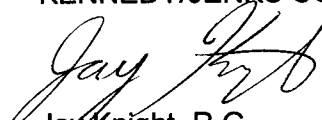
### Task 3: Overdrill, Cap, and Backfill

Following pressure grouting, the top 5 feet of the PVC well casing were overdrilled, broken off, and removed. After overdrilling, additional grout was added until it overflowed the casing forming a mushroom cap to a depth of approximately 3 feet bgs. A total of 110 gallons of grout were used during the well destruction, approximately double the volume of the well. Medium bentonite chips were then added from 3 feet to 1 foot bgs and hydrated. The top 1 foot was then backfilled with native material.

Kennedy/Jenks appreciates the opportunity to provide this service to Boeing Realty Corporation. Please call if you have questions.

Very truly yours,

KENNEDY/JENKS CONSULTANTS

  
Jay Knight, R.G.  
Sr. Staff Geologist

Attachment



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